

## METAR/TAF Quiz

Write out the weather report and forecast below the METAR/TAF

### METAR

METAR KINK 121845Z 11012G18KT 15SM SKC 25/17 A3000

METAR KBOI 121854Z 13004KT 30SM SCT150 17/6 A3015

METAR KLAX 121852Z 25004 6SM BR SCT007 SCT250 16/15 A299

SPECI KMDW 121856Z 32005KT 1 1/2SM RA OVC007 7/16 A2980 RMK RAB35

SPECI KJFK 121853Z 18004KT 1/2SM FG R04/2200 OVC005 20/18 A3006

### TAF

KMEM 121720Z 121818 20012KT 5SM HZ BKN030 PROB40 2022 1SM TSRA  
OVC008CB

FROM2200 33015G20KT P6SM BKN015 OVC025 PROB40 2202 3SM SHRA  
FM0200 35012KT OVC008 PROB40 0205 2SM -RASN BECMG 0608 02008KT  
NSW BKN012 BECMG 1012 0000KT 3SM BR SKC TEMPO 1214 1/2SM FG  
FM1600 VRBO4KT P6SM NSW SKC

## METAR/TAF Quiz

### Instructor Answer Sheet

#### **METAR KINK 121845Z 11012G18KT 15SM SKC 25/17 A3000**

(The sky is clear at Wink, TX (KINK), but the winds are a little gusty at 110 degrees at 12 knots gusting to 18 knots. The WEATHER IS VFR "more than 1,000 foot ceiling and 3 SM visibility.")

#### **METAR KBOI 121854Z 13004KT 30SM SCT150 17/6 A3015**

(KBOI is also VFR with a no ceiling reported, only a scattered cloud layer at 15,000 feet. Winds are light at 4 knots with a beautiful 30 miles of visibility. Great flying weather!)

#### **METAR KLAX 121852Z 25004 6SM BR SCT007 SCT250 16/15 A2991**

(KLAX has one of those typical L.A. days with a low 700 feet scattered cloud layer producing a little mist and a high scattered layer at 25,000 feet. But, even with the mist KLAX is VFR with no ceiling and 6SM of visibility.)

#### **SPECI KMDW 121856Z 32005KT 1 1/2SM RA OVC007 7/16 A2980 RMK RAB35.**

(This special report at Chicago Midway [KMDW] tells us the weather is getting worse, with the remarks indicating the rain began at 35 past the hour or 1835Z. Looks like IFR conditions exist with 1 1/2 miles of visibility and a low 700 foot. overcast ceiling.)

#### **SPECI KJFK 121853Z 18004KT 1/2SM FG R04/2200 OVC005 20/18 A3006**

(Another special report shows a gloomy day with 1/2 mile visibility and overcast ceilings of 500 feet, with winds at 180 degrees true and 4 knots. Standing on the end of the runway I couldn't see the terminal that is 2,500 feet away. It's a crummy day in the big apple and it is IFR.)

## TAF

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OVC008CB**

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FM0200 35012KT OVC008 PROB40 0205 2SM -RASN BECMG 0608 02008KT  
NSW BKN012 BECMG 1012 0000KT 3SM BR SKC TEMPO 1214 1/2SM FG  
FM1600 VRBO4KT P6SM NSW SKC**

The terminal aerodrome forecast at Memphis, TN issued on the 12th at 1720 Zulu.

From the 12th at 1800Z to the 13th at 1800Z (VALD PERIOD).

Wind 200 degrees at 12 knots. Visibility 5 statute miles with haze.

Broken clouds at 3,000 feet. There is a 40% probability that from 2000Z to 2200Z

there will be 1 statute mile of visibility in thunderstorms and rain with overcast ceilings of 800-foot cumulonimbus clouds.

From 2200 Zulu the wind will be 330 degrees at 15 knots gusting to 20 knots. The visibility will be greater than 6 miles. Ceiling is 1,500 feet broken and 2,500 feet overcast. There is a 40% probability from 2200Z to 2200Z of 3 statute miles of visibility in rain showers.

From 0200Z the wind will be 350 degrees at 12 knots. Ceiling will be 800-foot overcast with a 40% probability from 0200Z to 0500Z of having 2 statute miles of visibility in light rain and snow. Becoming between 0600Z and 0800Z, winds of 020 degrees at 8 knots with No Significant Weather with a ceiling of 1200 broken. Becoming between 1000Z and 1200Z, winds calm with 3 miles of visibility in mist and between 1200Z and 1400Z the sky condition may temporarily be one-half mile visibility with fog.

From 1600Z until the next forecast, the wind will be variable at 4 knots, with the visibility greater than 6 statute miles and no significant weather and clear sky conditions.